OIPE PART B - FEE(S) TRANSMITTAL						
Complete and send	I this form, toge NOV	ther with applicable f	ee(s) to: Mail	Mail Stop ISSI Commissione PO Box 1450		
	PATE	- J. W. J.	FAX	Alexandria, V/ (571) 273-288		
INSTRUCTIONS: This form should be used to prepare the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the same advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.						
CURRENT CORRESPONDENCE 23494 759	additional paper,	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittel. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawings, must have its own				
TEXAS INSTRUMEI PO BOX 655474, M/ DALLAS, TX 75265	CE I hereby certif United States	CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or				
.   . 11/15/2007 SS	ANDAR1 00000073 (	200668 10797880	being facsimile	transmitted to the USP	TO, on the date indical	ted below.
01 FC:1501 02 FC:1504	1440.00 DA 300.00 DA	,				(Signature) (Date)
APPLICATION NO.	FILING DATE	FIRST NAMED I	NVENTOR /	ATTORNEY DOCKE	T NO. L CONFIRM	IATION NO.
10/797,880	3/10/2004	Jaiganesh Ba		TI-36096	<del></del>	087
TITLE OF INVENTION: Efficient Bit Interleaver for a Multi-Band OFDM Ultra-Wideband System						
APPLN. TYPE		SSUE FEE PUBLICATION			AL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1,440 \$300	) (			
					\$1,740	11/14/2007
EXAMIN		ART UNIT	CLASS-SUBCLASS		φ1,740	11/14/2007
KIM, Ke	evin	2611			<b>ф 1,740</b>	11/14/2007
KIM, Ke	evin	2611	CLASS-SUBCLASS 375-260000  2. For printing on the (1) the names of up to	patent front page, list to 3 registered patent	1 Steven A. Sh	
1. Change of correspondence a  Change of correspond PTO/SB/122) attached.  "Fee Address" indication more recent) attached. Use	eddress or Indication of "Fee Address" Indication of "Fee Address" Indication of a Customer Number is re	Address* (37 CFR 1.363).  Correspondence Address form on form PTO/SB/47; Rev. 03-02 or equired.	2. For printing on the  (1) the names of up attorneys or agents OR, a  (2) the name of a sin member a registered ett names of up to 2 registe agents. If no name is infinited.	petent front page, list to 3 registered patent iternatively, gle firm (having as a pricey or agent) and the red patent attorneys or		aw ady
1. Change of correspondence a  Change of correspond PTO/SB/122) attached.  "Fee Address" indication more recent) attached. Use	eddress or Indication of "Fee Address" Indication of "Fee Address" Indication of a Customer Number is re	2611 Address* (37 CFR 1.383). Correspondence Address form	2. For printing on the  (1) the names of up attorneys or agents OR, a  (2) the name of a sin member a registered ett names of up to 2 registe agents. If no name is infinited.	petent front page, list to 3 registered patent iternatively, gle firm (having as a pricey or agent) and the red patent attorneys or	1 Steven A. Sha 2 W. James Bra	aw ady
1. Change of correspondence a  Change of correspondence a  Change of correspondence a  PTO/SB/122) attached.  "Fee Address" Indicating more recent) attached. Use  3. ASSIGNEE NAME AND  PLEASE NOTE: Unless recordation as set forth in 37	eddress or Indication of "Fee Address" Indication of a Customer Number is not seen as a significant of a Customer Number is not seen as an assignee is identified.	Address* (37 CFR 1.363).  Correspondence Address form on form PTO/SB/47; Rev. 03-02 or equired.	CLASS-SUBCLASS 375-260000  2. For printing on the (1) the names of up attorneys or agents OR, a (2) the name of a sin member a registered attonames of up to 2 registe agents. If no name is inprinted. (print or type) appear on the patent. If a for filing an assignment.	patent front page, list to 3 registered patent ternatively, gle firm (having as a priney or agent) and the red patent attorneys or listed, no name will be n assignee is identified	1 Steven A. Shadan Shad	aw ady felecky, Jr.
Change of correspondence a Change of correspondence a Change of correspondence a PTO/SB/122) attached. "Fee Address" indication or recent) attached. Use  3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in 37  (A) NAME OF ASSIGNEE	eddress or Indication of "Fee Address" Indication of a Customer Number is not seen as a significant of a Customer Number is not seen as an assignee is identified.	Address* (37 CFR 1.383).  Correspondence Address form on form PTO/SB/47; Rev. 03-02 or squired.  BE PRINTED ON THE PATENT and below, no assignee data will of this form is NOT a substitute	CLASS-SUBCLASS 375-260000  2. For printing on the (1) the names of up attorneys or agents OR, a (2) the name of a sin member a registered attonames of up to 2 registe agents. If no name is inprinted. (print or type) appear on the patent. If a for filing an assignment.	petent front page, list to 3 registered patent hernetively, gle firm (having as a priney or agent) and the red patent attorneys or listed, no name will be n assignee is identified CITY and STATE OR C	1 Steven A. Shadan Shad	aw ady felecky, Jr.
1. Change of correspondence a  Change of correspondence a  Change of correspondence a  PTO/SB/122) attached.  Fee Address* indication or recent) attached. Use  3. ASSIGNEE NAME AND  PLEASE NOTE: Unless recordation as set forth in 37  (A) NAME OF ASSIGNEE  TEXAS INSTRUMENTED	evin  Indication of Fee Address or Indication of Gree Address (or Change of on (or Fee Address' Indication of a Customer Number is respectively).  RESIDENCE DATA TO 6 an assignee is identified CFR 3.11. Completion of the CFR 3.11. Completion of the customer NTS INCORPORATED assignee category or cases	2611 Address* (37 CFR 1.363). Correspondence Address form on form PTO/SB/47; Rev. 03-02 or equired.  3E PRINTED ON THE PATENT and below, no assignee data will of this form is NOT a substitute	2. For printing on the (1) the names of up attorneys or agents OR, a (2) the name of a sin member e registered ette names of up to 2 registe agents. If no name is printed. (print or type) appear on the patent. If a for filing an assignment. (B) RESIDENCE: (Imposed Section 1) PO BOX 655474 DALLAS, TX 75	petent front page, list to 3 registered patent libernatively. gle firm (having as a priney or agent) and the red patent attorneys or listed, no name will be n assignee is identified CITY and STATE OR C 1, M/S 3999 5265	1 Steven A. Shi 2 W. James Bra 3 Frederick J. T	aw ady felecky, Jr. has been filed for
Change of correspondence a Change of correspondence a Change of correspondence a PTO/SB/122) attached. "Fee Address" indication or recent) attached. Use  3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in 37  (A) NAME OF ASSIGNEE TEXAS INSTRUMEN Please check the appropriate 4a. The following fee(s) are Issue Fee Publication Fee (the Advance Order - a	evin  address or Indication of "Fee Address" Indication of a Customer Number is not a customer N	Address* (37 CFR 1.363).  Correspondence Address form  on form PTO/SB/47; Rev. 03-02 or equired.  BE PRINTED ON THE PATENT and below, no assignee data will of this form is NOT a substitute of this form is NOT a substitute of the printed on to the printed on to the permitted of the permitted on the permitted of the perm	CLASS-SUBCLASS  375-260000  2. For printing on the (1) the names of up attorneys or agents OR, a (2) the name of a sin member a registered ettonames of up to 2 registered ettonames of up to 2 registered ettonames of up to 2 registered. (print or type)  appear on the patent. If a for filing an assignment. (B) RESIDENCE: (I)  PO BOX 655474 DALLAS, TX 75  the patent)  individual Payment of Fee(s): A check in the amo Payment by credit The Director is hen	petent front page, list to 3 registered patent thernetively. glie firm (having as a priney or agent) and the red patent attorneys or listed, no name will be n assignee is identified CITY and STATE OR C 1, M/S 3999 5265 Corporation or other nunt of the fee(s) is encle card. Form PTO-2038 is abby authorized to charge	1 Steven A. Shi 2 W. James Bra 3 Frederick J. T I below, the document COUNTRY)  private group entity  osed is attached.	ady felecky, Jr. has been filed for
1. Change of correspondence a  Change of correspondence a  Change of correspondence a  PTO/SB/122) attached.  Fee Address' indication or recent) attached. Use  3. ASSIGNEE NAME AND  PLEASE NOTE: Unless recordation as set forth in 37  (A) NAME OF ASSIGNEE  TEXAS INSTRUMEN  Please check the appropriate  4a. The following fee(s) are  Issue Fee  Publication Fee (t)  Advance Order - 1  5. Change in Entity Statu	evin  Indication of Fee Address or Indication of Fee Address (or Change of on (or Fee Address' Indication of a Customer Number is respectively).  RESIDENCE DATA TO the analysis of a Customer Number is respectively.  In assignee is identified of a Customer NTS INCORPORATED assignee category or case enclosed:  No small entity discount properties of Copies.  Its (from status indicated in SMALL ENTITY status indicated in SMALL ENTITY status indicated in SMALL ENTITY status	Address* (37 CFR 1.383).  Correspondence Address form on form PTO/SB/47; Rev. 03-02 or squired.  BE PRINTED ON THE PATENT and below, no assignee data will of this form is NOT a substitute  Contegories (will not be printed on the state of t	CLASS-SUBCLASS  375-260000  2. For printing on the  (1) the names of up attorneys or agents OR, a considerable of the name of a single of the name of a considerable of the names of up to 2 registered ettenames of up to 2 r	petent front page, list to 3 registered patent hernetively, glie firm (having as a priney or agent) and the red patent attorneys or listed, no name will be n assignee is identified CITY and STATE OR C 1, M/S 3999 5265 Corporation or other than to the fee(s) is encluded. Form PTO-2038 is aby authorized to charg Account Number 20-06	1 Steven A. Shi 2 W. James Bro 3 Frederick J. T  I below, the document COUNTRY)  private group entity   cosed is attached. e the required fee(s), o i68 (enclose an extra co	ady felecky, Jr. has been filed for government r credit any opy of this form).
1. Change of correspondence a  Change of correspondence a  Change of correspondence a  PTO/SB/122) attached.  "Fee Address" indication or recent) attached. Use of the control of the cont	evin  Indication of Fee Address or Indication of Tee Address (or Change of the Address Indication of a Customer Number is a RESIDENCE DATA TO 18 an assignee is identified CFR 3.11. Completion of the Address Indication of the Address Indication of the Address Indicated assignee Category or cate	Address* (37 CFR 1.363).  Correspondence Address form  on form PTO/SB/47; Rev. 03-02 or equired.  BE PRINTED ON THE PATENT and below, no assignee data will of this form is NOT a substitute of the correspondence (will not be printed on to the correspondence).	CLASS-SUBCLASS  375-260000  2. For printing on the  (1) the names of up attorneys or egents OR, a  (2) the name of a pin member a registered ettonemes of up to 2 registered ettonemes of up t	petent front page, list to 3 registered petent ternetively, gle firm (having as a pricey or agent) and the pred patent attorneys or listed, no name will be n assignee is identified CITY and STATE OR C I, M/S 3999 5265 Corporation or other punt of the fee(s) is encleard. Form PTO-2038 i abby authorized to charge Account Number 20-06 longer calming SMALL	1 Steven A. Shi 2 W. James Bra 3 Frederick J. T  I below, the document OUNTRY)  private group entity  osed is attached. e the required fee(s), or 68 (enclose an extra co	aw ady felecky, Jr. has been filed for government r credit any opy of this form).

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Registration No.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Steven A. Shaw

Typed or printed name \_\_

39,368